



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2009
Code: 11551407
SAU: South Portland School Dept
School: Memorial Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2009

Grade: 7

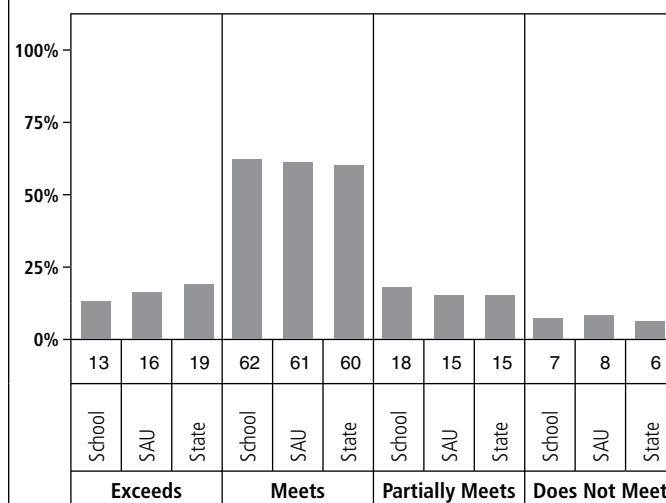
SAU: South Portland School Dept

School: Memorial Middle School

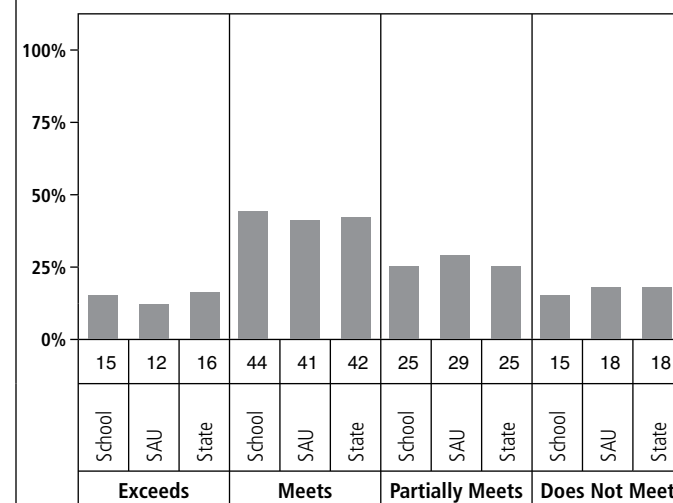
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	750	749	748
2007–2008	751	751	750
2008–2009	749	750	751
Cum. Avg.*	750	750	750
Mathematics			
2006–2007	741	742	742
2007–2008	741	743	743
2008–2009	744	742	745
Cum. Avg.*	742	742	743

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 7
SAU: South Portland School Dept
School: Memorial Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	130	100	238	100	14446	100	128	99	235	99	14316	99	128	99	236	100	14322	99						
Ethnicity African American/Black	7	5	7	3	432	3	6	86	6	86	416	97	6	86	6	86	421	98						
American Indian or Native Alaskan	0	0	0	0	124	1	0	0	0	0	121	98	0	0	0	0	122	99						
Asian or Pacific Islander	12	9	17	7	260	2	12	100	17	100	255	98	12	100	17	100	259	100						
Hispanic	3	2	3	1	147	1	3	100	3	100	144	99	3	100	3	100	144	99						
Caucasian/White	108	83	211	89	13483	93	107	100	209	100	13380	99	107	100	210	100	13376	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	19	15	36	15	2428	17	18	100	35	100	2391	99	18	100	35	100	2391	99						
Current LEP	13	10	13	5	334	2	12	92	12	92	318	95	12	92	12	92	328	98						
Economically disadvantaged	45	35	80	34	5498	38	43	98	77	97	5431	99	43	98	78	99	5436	99						
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	101	78	191	80	11742	81	100	77	191	80	11754	81						
Identified disability (PET/IEP)	1	1	2	1	367	3	1	1	2	1	365	3						
LEP	6	6	6	3	168	1	6	6	6	3	169	1						
504 plan	1	1	4	2	183	2	1	1	4	2	187	2						
Participation with accommodations	25	19	42	18	2367	16	26	20	43	18	2366	16						
Identified disability (PET/IEP)	15	60	31	74	1819	77	15	58	31	72	1824	77						
LEP	6	24	6	14	143	6	6	23	6	14	154	7						
504 plan	0	0	0	0	84	4	0	0	0	0	80	3						
Other	4	16	5	12	358	15	5	19	6	14	346	15						
Participation through alternate assessment (PAAP)	2	2	2	1	205	1	2	2	2	1	202	1						
Identified disability (PET/IEP)	2	100	2	100	205	100	2	100	2	100	202	100						
LEP	0	0	0	0	5	2	0	0	0	0	5	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	1	1	1	0	33	0	1	1	1	0	32	0						
Non-participation – other	1	1	2	1	97	1	1	1	1	0	92	1						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 7
SAU: South Portland School Dept
School: Memorial Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 762–780)	2006-2007	21	17	42	19	2630	18
	2007-2008	17	15	40	19	2604	18
	2008-2009	16	13	38	16	2618	19
	Cum. Total*	54	15	120	18	7852	18
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 742–760)	2006-2007	67	55	118	52	7605	51
	2007-2008	65	59	122	56	8049	55
	2008-2009	78	62	141	61	8484	60
	Cum. Total*	210	59	381	56	24138	56
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 730–740)	2006-2007	25	21	48	21	3000	20
	2007-2008	24	22	45	21	2672	18
	2008-2009	23	18	36	15	2108	15
	Cum. Total*	72	20	129	19	7780	18
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 700–728)	2006-2007	8	7	18	8	1620	11
	2007-2008	4	4	9	4	1190	8
	2008-2009	9	7	18	8	899	6
	Cum. Total*	21	6	45	7	3709	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.8	58.6	33.4	59.6	34.4	61.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.4	57.0	11.6	58.0	11.8	59.0
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.4	59.4	21.8	60.6	22.6	62.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 7
 SAU: South Portland School Dept
 School: Memorial Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	126	16	13	78	62	23	18	9	7	749	233	16	61	15	8	750	14109	19	60	15	6	751
Ethnicity																						
African American/Black	6	1	17	3	50	2	33	0	0	747	6	17	50	33	0	747	409	11	49	22	18	744
American Indian or Native Alaskan	0										0						117	12	53	19	16	746
Asian or Pacific Islander	12	0	0	8	67	2	17	2	17	742	17	6	59	18	18	743	253	24	59	11	6	753
Hispanic	3										3						142	14	56	17	13	747
Caucasian/White	105	14	13	67	64	18	17	6	6	750	207	17	62	14	7	751	13188	19	61	15	6	751
Not Reported	0										0						0					
Identified disability																						
Yes	16	0	0	5	31	5	31	6	38	736	33	0	30	33	36	734	2186	2	36	35	27	737
No	110	16	15	73	66	18	16	3	3	751	200	19	66	13	3	752	11923	22	65	11	3	754
Current LEP																						
Yes	12	1	8	5	42	4	33	2	17	740	12	8	42	33	17	740	311	4	41	29	26	739
No	114	15	13	73	64	19	17	7	6	750	221	17	62	14	7	750	13798	19	61	15	6	751
Economically disadvantaged																						
Yes	42	4	10	19	45	12	29	7	17	743	76	9	49	24	18	743	5300	8	58	22	11	746
No	84	12	14	59	70	11	13	2	2	752	157	20	66	11	3	753	8809	25	61	10	4	754
Migrant																						
Yes	0										0						8	13	50	38	0	747
No	126	16	13	78	62	23	18	9	7	749	233	16	61	15	8	750	14101	19	60	15	6	751
Gender																						
Female	61	13	21	37	61	8	13	3	5	752	108	23	60	11	6	753	6993	24	61	11	4	754
Male	65	3	5	41	63	15	23	6	9	746	125	10	61	19	10	747	7116	14	60	18	8	749
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										1						1025	10	53	27	11	745
No	126	16	13	78	62	23	18	9	7	749	232	16	60	16	8	750	13084	19	61	14	6	752
Gifted/talented program																						
Yes	4										17	82	18	0	0	768	676	66	33	1	0	766
No	122	14	11	76	62	23	19	9	7	748	216	11	64	17	8	748	13433	16	61	16	7	750

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: South Portland School Dept

School: Memorial Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	0	0	3	43	2	29	2	29	737	6	7	47	27	20	743	7	8	48	25	19	743
B. less than one hour	53	7	11	43	65	11	17	5	8	748	59	17	60	15	7	750	52	17	62	15	6	751
C. one to two hours	36	6	13	29	64	8	18	2	4	750	30	16	67	13	4	751	37	23	61	12	4	753
D. more than two hours	6	3	43	2	29	2	29	0	0	758	4	30	40	20	10	753	4	19	53	18	10	750
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	28	6	17	25	71	2	6	2	6	753	30	29	65	3	3	756	30	33	56	7	4	756
B. good	52	7	11	41	64	12	19	4	6	749	49	13	65	17	4	750	49	16	64	14	5	751
C. fair	18	3	14	10	45	7	32	2	9	745	18	7	46	29	17	742	19	5	59	26	10	745
D. poor	2	0	0	1	33	1	33	1	33	739	3	0	38	25	38	738	3	3	45	32	21	740
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	31	9	23	25	64	3	8	2	5	752	30	24	60	12	4	752	33	24	62	10	3	754
B. They match some of what I have learned.	56	5	7	45	65	17	25	2	3	748	58	14	65	18	4	750	52	18	62	15	5	751
C. They match just a little of what I have learned.	9	1	9	5	45	1	9	4	36	743	9	14	43	14	29	744	11	11	54	23	13	746
D. There is no match.	4	1	20	2	40	1	20	1	20	744	4	13	50	13	25	744	3	6	38	29	27	739
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	13	0	0	9	56	5	31	2	13	741	15	9	51	23	17	743	17	16	55	18	12	748
B. about the same as my regular schoolwork	69	12	14	52	61	15	18	6	7	750	64	16	63	14	6	751	65	19	62	14	5	752
C. easier than my regular schoolwork	18	3	14	16	73	2	9	1	5	750	21	21	62	13	4	752	17	22	60	13	5	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	10	0	0	2	17	6	50	4	33	735	9	5	20	35	40	737	9	4	44	27	24	740
B. Most of the passages were about the same as what I normally read.	51	7	11	43	68	9	14	4	6	749	49	9	68	15	7	748	54	14	63	17	5	750
C. Most of the passages were easier than what I normally read.	39	9	19	32	67	6	13	1	2	753	42	28	60	10	1	755	38	28	60	9	3	756
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	34	7	17	21	50	11	26	3	7	748	37	23	56	15	6	751	44	19	60	15	6	751
B. I tried about the same as I do on my regular schoolwork.	60	8	11	49	66	11	15	6	8	749	58	14	62	17	8	750	51	19	62	13	5	752
C. I did not try as hard on this test as I do on my regular schoolwork.	6	1	13	7	88	0	0	0	0	752	6	8	77	0	15	746	5	9	51	26	15	744
How much time do you spend reading at home each day?																						
A. more than one hour	15	1	6	12	67	3	17	2	11	746	17	16	68	8	8	750	21	27	57	11	5	755
B. 20 minutes to an hour	52	11	17	42	66	9	14	2	3	752	49	21	63	12	4	753	45	22	62	12	4	753
C. less than 20 minutes	16	2	10	12	60	4	20	2	10	748	13	10	59	24	7	748	13	13	61	17	8	749
D. I rarely read at home.	18	2	9	11	50	6	27	3	14	744	22	10	52	22	16	744	21	7	59	24	11	746
Optional school/SAU question																						
A.	67	0	0	2	100	0	0	0	0	748	57	0	75	25	0	744						
B.	33	0	0	0	0	1	100	0	0	734	14	0	0	100	0	734						
C.	0										0											
D.	0										29	0	50	0	50	735						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 7
SAU: South Portland School Dept
School: Memorial Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 762–780)	2006-2007	14	12	29	13	2142	14
	2007-2008	6	5	21	10	2028	14
	2008-2009	19	15	27	12	2220	16
	Cum. Total*	39	11	77	11	6390	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 742–760)	2006-2007	41	34	87	38	5642	38
	2007-2008	50	45	97	45	5703	39
	2008-2009	56	44	97	41	5879	42
	Cum. Total*	147	41	281	42	17224	40
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 728–740)	2006-2007	41	34	68	30	4077	27
	2007-2008	35	32	58	27	3733	26
	2008-2009	32	25	67	29	3537	25
	Cum. Total*	108	30	193	29	11347	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 700–726)	2006-2007	25	21	43	19	3001	20
	2007-2008	19	17	40	19	3054	21
	2008-2009	19	15	43	18	2484	18
	Cum. Total*	63	18	126	19	8539	20

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	29.7	53.0	28.3	50.5	29.9	53.4
A. Number	14	25	7.6	54.3	7.5	53.6	7.7	55.0
B. Data	16	29	7.7	48.1	7.5	46.9	8.1	50.6
C. Geometry	12	21	6.9	57.5	6.5	54.2	6.9	57.5
D. Algebra	14	25	7.4	52.9	6.9	49.3	7.3	52.1

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009

Grade: 7

SAU: South Portland School Dept

School: Memorial Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	126	19	15	56	44	32	25	19	15	744	234	12	41	29	18	742	14120	16	42	25	18	745
Ethnicity																						
African American/Black	6	0	0	2	33	3	50	1	17	738	6	0	33	50	17	738	416	5	26	28	41	733
American Indian or Native Alaskan	0										0						119	8	30	31	30	737
Asian or Pacific Islander	12	0	0	5	42	5	42	2	17	738	17	0	47	35	18	739	258	25	43	19	13	750
Hispanic	3										3						142	8	39	23	30	739
Caucasian/White	105	19	18	48	46	23	22	15	14	746	208	13	41	27	18	743	13185	16	42	25	17	745
Not Reported	0										0						0					
Identified disability																						
Yes	16	0	0	4	25	4	25	8	50	726	33	0	18	27	55	724	2189	2	17	27	53	728
No	110	19	17	52	47	28	25	11	10	747	201	13	45	29	12	745	11931	18	46	25	11	748
Current LEP																						
Yes	12	1	8	4	33	4	33	3	25	739	12	8	33	33	25	739	323	4	20	28	48	729
No	114	18	16	52	46	28	25	16	14	745	222	12	42	28	18	742	13797	16	42	25	17	745
Economically disadvantaged																						
Yes	42	3	7	16	38	12	29	11	26	738	77	6	27	34	32	735	5308	7	35	30	28	738
No	84	16	19	40	48	20	24	8	10	748	157	14	48	26	11	746	8812	21	46	22	11	749
Migrant																						
Yes	0										0						8	0	50	38	13	742
No	126	19	15	56	44	32	25	19	15	744	234	12	41	29	18	742	14112	16	42	25	18	745
Gender																						
Female	61	9	15	28	46	16	26	8	13	746	108	11	42	30	18	743	6992	16	43	25	16	745
Male	65	10	15	28	43	16	25	11	17	743	126	12	41	28	19	742	7128	15	41	25	19	744
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										1						1024	7	26	36	31	736
No	126	19	15	56	44	32	25	19	15	744	233	12	42	28	18	742	13096	16	43	24	17	745
Gifted/talented program																						
Yes	4										17	41	59	0	0	759	676	68	29	2	0	767
No	122	17	14	54	44	32	26	19	16	744	217	9	40	31	20	741	13444	13	42	26	18	744

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 7

SAU: South Portland School Dept

School: Memorial Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	0	0	2	29	2	29	3	43	734	7	6	31	25	38	734	7	6	30	28	36	735
B. less than one hour	53	12	18	25	38	20	30	9	14	744	59	13	40	29	17	742	52	16	42	25	17	745
C. one to two hours	36	6	13	23	51	9	20	7	16	745	30	10	41	30	19	743	37	18	44	24	14	747
D. more than two hours	6	1	14	5	71	1	14	0	0	751	4	10	70	20	0	752	4	15	38	24	22	743
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	19	13	54	10	42	0	0	1	4	760	23	37	48	9	6	756	26	35	43	12	9	754
B. good	52	6	9	32	50	17	27	9	14	744	51	6	47	29	18	742	46	13	48	25	15	745
C. fair	24	0	0	11	37	12	40	7	23	737	22	0	25	45	29	733	23	3	32	37	27	737
D. poor	5	0	0	2	33	3	50	1	17	734	4	0	22	56	22	731	5	1	22	37	40	731
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	28	11	31	17	49	4	11	3	9	753	21	24	49	14	12	751	26	23	43	20	13	749
B. They match some of what I have learned.	48	6	10	27	46	18	31	8	14	743	53	7	43	33	18	741	53	15	45	26	15	746
C. They match just a little of what I have learned.	21	2	8	10	38	9	35	5	19	740	21	10	35	35	20	741	17	9	35	32	24	740
D. There is no match.	3	0	0	1	25	1	25	2	50	726	5	18	27	27	27	737	4	7	21	22	51	730
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	35	3	7	18	42	11	26	11	26	738	39	4	42	29	24	738	37	8	40	29	23	740
B. about the same as my regular schoolwork	54	10	15	31	46	19	28	7	10	746	50	10	42	33	15	743	51	16	44	25	15	746
C. easier than my regular schoolwork	11	6	43	6	43	2	14	0	0	758	11	44	36	12	8	755	12	41	35	13	11	755
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	40	7	14	19	38	18	36	6	12	744	42	9	47	29	15	743	48	14	42	27	17	744
B. I tried about the same as I do on my regular schoolwork.	52	11	17	35	54	12	18	7	11	747	52	14	40	30	16	744	47	18	43	23	16	746
C. I did not try as hard on this test as I do on my regular schoolwork.	7	1	11	1	11	2	22	5	56	732	6	7	14	21	57	730	5	14	27	25	34	738
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	7	0	0	4	44	4	44	1	11	740	7	0	25	38	38	730	8	8	30	29	33	737
B. 30–45 minutes	45	6	11	22	39	13	23	15	27	740	45	7	37	31	25	739	38	13	40	27	20	743
C. 45–60 minutes	44	12	22	27	50	14	26	1	2	750	46	18	49	26	7	748	42	20	45	23	12	748
D. more than 60 minutes	4	1	20	2	40	1	20	1	20	744	2	20	40	20	20	744	12	16	42	25	17	745
How often do you use calculators in mathematics class?																						
A. almost every day	13	4	25	9	56	3	19	0	0	755	21	8	39	37	16	741	15	19	38	25	19	745
B. two or three days a week	56	14	20	32	46	15	21	9	13	747	49	15	45	26	14	746	31	18	42	24	16	746
C. two or three times a month	21	1	4	8	31	12	46	5	19	737	20	11	32	34	23	738	26	17	43	24	17	746
D. never or almost never	10	0	0	6	50	2	17	4	33	734	10	5	50	18	27	739	28	11	42	27	19	743
How often do you use laptops in mathematics class?																						
A. almost every day	31	0	0	17	44	13	33	9	23	738	20	0	46	30	24	738	10	12	39	24	24	741
B. two or three days a week	9	2	18	7	64	1	9	1	9	751	15	6	34	43	17	742	22	13	43	26	18	744
C. two or three times each month	16	1	5	9	45	9	45	1	5	742	27	5	44	39	13	741	33	18	44	25	13	747
D. never or almost never	44	16	30	22	41	9	17	7	13	749	38	25	41	16	18	746	35	16	40	25	19	744
Optional school/SAU question																						
A.	67	0	0	1	50	0	0	1	50	732	57	0	25	25	50	729						
B.	33	0	0	1	100	0	0	0	0	754	14	0	100	0	0	754						
C.	0										0											
D.	0										29	0	0	0	100	712						